

Appl. No. 10/707,949  
Amdt. dated December 22, 2004  
Reply to Office action of November 03, 2004

**Amendments to the Claims:**

The listing of claims will replace all prior versions and listings of claims in the application:

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**Listing of Claims:**

Claim 1 (original): A digital image capturing apparatus comprising:

a housing;

10 a first hole installed on the front side of the housing for inputting light from the front;

a second hole installed on the rear side of the housing for inputting light from the rear;

a reflector module installed in the housing for reflecting the light input from the first hole or the second hole;

15 a photosensor installed in the housing for sensing the light from the reflector module; and

an image generating module installed in the housing for generating an image according to the light sensed by the photosensor.

20 Claim 2 (original): The digital image capturing apparatus of claim 1, further comprising a lens group installed between the reflector module and the photosensor for focusing the light from the reflector module onto the photosensor.

25 Claim 3 (original): The digital image capturing apparatus of claim 1, further comprising a first lens group installed between the first hole and the reflector module for focusing the light from the first hole onto the photosensor, and a second lens group installed between

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the second hole and the reflector module for focusing the light from the second hole onto the photosensor.

5 Claim 4 (withdrawn): The digital image capturing apparatus of claim 1, wherein the reflector module comprises:

a pedestal turning on a first axis;

a first reflector installed on a first side of the pedestal for reflecting the light from the first hole to the photosensor;

10 a second reflector installed on a second side of the pedestal for reflecting the light from the second hole to the photosensor; and

a strobe installed between the front side of the pedestal and the second reflector being capable of turning along with the pedestal, for providing a light source necessary for the digital image capturing apparatus.

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Claim 5 (withdrawn): The digital image capturing apparatus of claim 4, wherein the first axis is perpendicular to the pedestal.

20 Claim 6 (withdrawn): The digital image capturing apparatus of claim 4, wherein the normal lines of the first reflector and the second reflector cross at right angles.

Claim 7 (original): The digital image capturing apparatus of claim 1, wherein the reflector module comprises:

a pedestal turning on a second axis;

25 a reflector installed on a side of the pedestal for reflecting the light from the first hole or the second hole to the photosensor; and

a strobe installed on the pedestal and being capable of turning along with the pedestal for providing a light source necessary for the digital image capturing apparatus.

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**Claim 8 (original):** The digital image capturing apparatus of claim 7, wherein the acute angle formed by the second axis and the normal line of the reflector is 45 degrees.

5 **Claim 9 (withdrawn):** The digital image capturing apparatus of claim 1, wherein the reflector module comprises:

a reflector turning on a third axis;

10 a first strobe installed on the front side of the pedestal for providing a light source necessary for the digital image capturing apparatus when the reflector turns to a direction for reflecting the light from the first hole; and

a second strobe installed on the rear side of the pedestal for providing a light source necessary for the digital image capturing apparatus when the reflector turns to a direction for reflecting the light from the second hole.

15 **Claim 10 (withdrawn):** The digital image capturing apparatus of claim 9, wherein the third axis is perpendicular to the normal line of the reflector.

**Claim 11 (withdrawn):** The digital image capturing apparatus of claim 1, wherein the reflector module comprises:

20 a first reflector and a second reflector aligned on a line with their normal lines crossing at right angles;

a first strobe installed in the housing for providing a light source necessary for the digital image capturing apparatus when the first reflector turns to a direction for reflecting the light from the first hole to the photosensor; and

25 a second strobe installed in the housing for providing a light source necessary for the digital image capturing apparatus when the second reflector turns to a direction for reflecting the light from the second hole to the photosensor,

wherein the two reflectors and the two strobes can move up and down toward the photosensor, in order to receive the light from the first reflector or the second

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reflector.

5 Claim 12 (original): The digital image capturing apparatus of claim 1, wherein both the first hole and the second hole are installed with a transparent material

Claim 13 (original): The digital image capturing apparatus of claim 1 being a digital camera or a digital camcorder.

10 Claim 14 (original): A digital image capturing apparatus comprising:  
a housing;  
a lens installed on the housing, being capable of moving back and forth, for  
inputting light from the front or from the rear of the housing;  
a reflector module installed in the housing for reflecting the light input from the  
15 lens;  
a photosensor installed in the housing for sensing the light from the reflector  
module; and  
an image generating module installed in the housing for generating an image  
according to the light sensed by the photosensor.

20 Claim 15 (original): The digital image capturing apparatus of claim 14, further comprising a lens group installed between the reflector module and the photosensor for focusing the light from the reflector module onto the photosensor.

25 Claim 16 (original): The digital image capturing apparatus of claim 14, wherein the reflector module is installed in the housing and is capable of moving along with the lens.

Claim 17 (original): The digital image capturing apparatus of claim 14, wherein the reflector module comprises:

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- a pedestal turning on a fourth axis;  
a reflector installed on a side of the pedestal for reflecting the light from the lens  
to the photosensor; and  
5 a strobe installed on the pedestal and being capable of turning along with the  
pedestal for providing a light source necessary to the digital image  
capturing apparatus.

10 **Claim 18 (original):** The digital image capturing apparatus of claim 17, wherein the acute  
angle formed by the fourth axis and the normal line of the reflector is 45 degrees.

**Claim 19 (withdrawn):** The digital image capturing apparatus of claim 14, wherein the  
reflector module comprises:

- 15 a first reflector and a second reflector aligned on a line with their normal lines  
crossing at right angles;  
a first strobe installed in the housing for providing a light source necessary for  
the digital image capturing apparatus when the first reflector turns to a  
direction for reflecting the light from the lens to the photosensor; and  
20 a second strobe installed in the housing for providing a light source necessary  
for the digital image capturing apparatus when the second reflector turns to  
a direction for reflecting the light from the lens to the photosensor,  
wherein the two reflectors and the two strobes can move up and down toward the  
photosensor in order to reflect the light from the lens.

25 **Claim 20 (original):** The digital image capturing apparatus of claim 14 being a digital  
camera or a digital camcorder.

**Claim 21 (original):** A digital image capturing apparatus capable of capturing images  
from different directions comprising:

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- a housing;
- at least one hole installed in the housing for inputting light;
- a reflector module installed in the housing for reflecting the light input from the
- 5 hole;
- a photosensor installed in the housing for sensing the light from the reflector
- module; and
- an image generating module installed in the housing for generating an image
- 10 according to the light sensed by the photosensor.

Claim 22 (original): The digital image capturing apparatus of claim 21, wherein the hole is installed with a transparent material.